



A b s t r a c t

~~A refining element intended for refiners of disc-type for working fibrous material, where the refining element (10) is provided with a pattern of bars (13, 14) and intermediate grooves, and the refining element (10) is divided into an inner in-feed portion (11) with coarse bars (13) and an outer portion (12) with fine bars (14). The transition (15) between the inner portion and outer portion (11 and 12, respectively) extends arc-shaped over the refining element at varying distance from the inner edge (16) of the refining element.~~

ABSTRACT OF THE DISCLOSURE

A refining element for use in the refining of fibrous materials is disclosed in which the refining surface includes an inner portion and an outer portion defining a transition region between these two portions, a plurality of bars and grooves in the inner portion of the refining surface, and a plurality of bars and intermediate grooves in the outer portion of the refining surface, the bars in the inner surface having a greater width than those in the outer surface, and the transition region having a varying distance from the inner edge of the refining element across the refining surface.